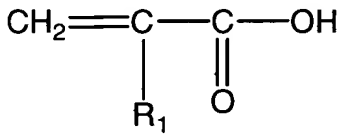
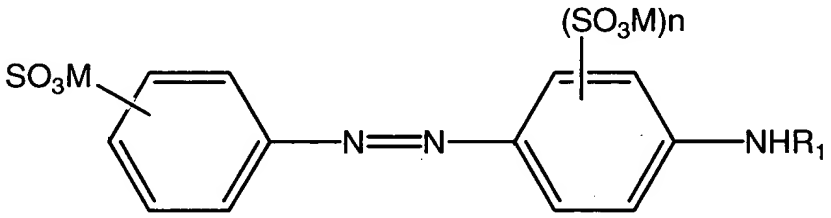
AMENDMENTS TO THE CLAIMS

Claims 1-9. **(Cancelled)**

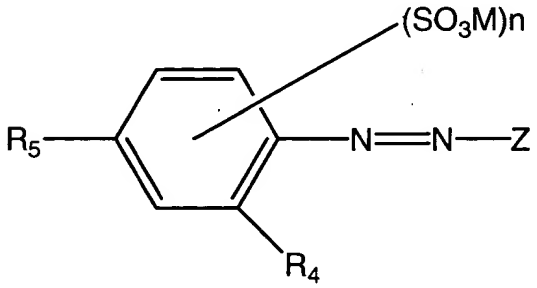
10. **(currently amended)** A composition comprising, in a cosmetically acceptable support suitable for dyeing the hair, at least one direct dye and at least one crosslinked polymer containing acrylic residue units of the structure



in which R_1 denotes H, CH_3 or C_2H_5, and C_{10}-C_{30} alkyl acrylate residue units, wherein said composition is a direct dyeing composition for the hair, wherein said at least one direct dye is an acid azo dye of formulae (I) or (I'):

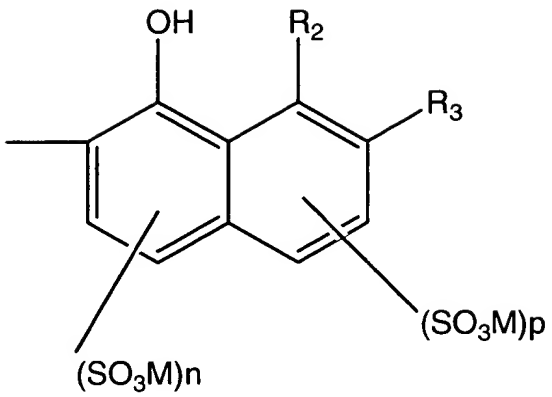


(I)

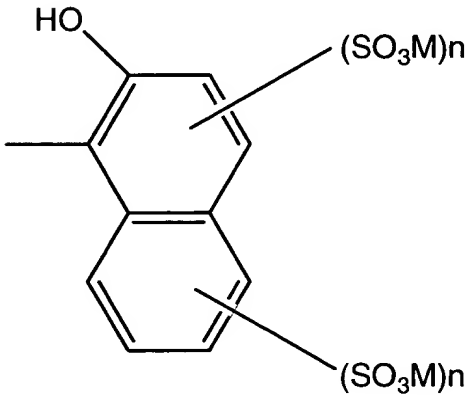


(I')

in which Z denotes (I')a or (I')b:



(I')a



(I')b

in which:

n denotes zero or 1,

p denotes zero, 1 or 2,

M denotes H or an alkali or alkaline-earth counterion, an organic amine which may be hydroxylated or not hydroxylated, or ammonia,

R_1 denotes H, a C_1-C_4 alkyl radical or an cycloalkylaryl radical,

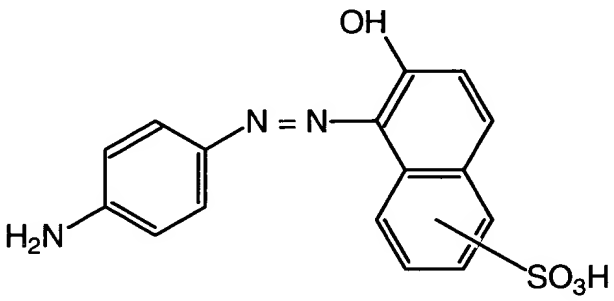
R_2 denotes H, an $-NH_2$ radical, an $-HN-CO-CH_3$ radical or an $-NHSO_2$-phenyl radical,

R_3 denotes H, or a -N=N-(para-nitrophenyl) radical,

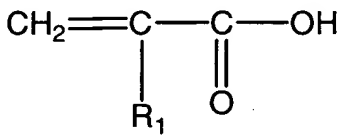
R_4 denotes a H, a C_1-C_4 alkyl radical, a C_1-C_4 alkoxyl radical, or forms a naphtalenyl ring with the adjacent carbon atom which is unsubstitued of the phenyl group,

R_5 denotes H, a C_1-C_4 alkyl radical, an -SO_3Na radical, a -NH_2 radical, an -HN-CO-CH_3 radical or an -NO_2 radical, and in which at least one -SO_3M group is present in formulae (I), (I')a and (I')b

with the proviso that at least one direct dye is not a dye of chemical formula:



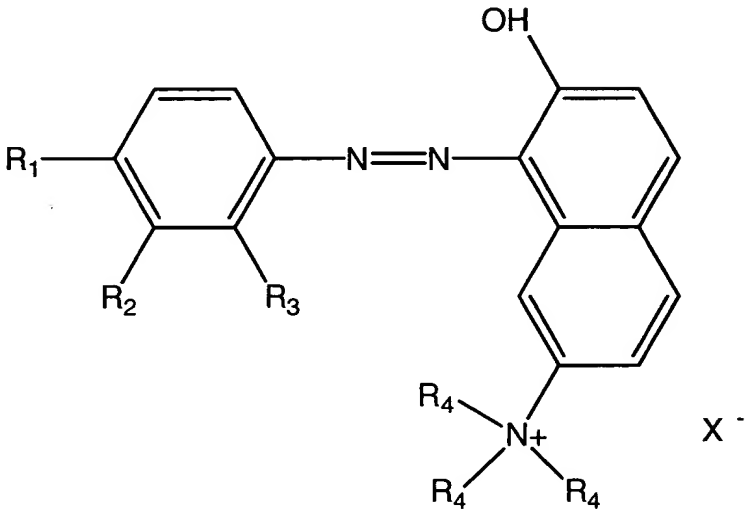
11. **(previously presented)** A composition comprising, in a cosmetically acceptable support suitable for dyeing the hair, at least one direct dye and at least one crosslinked polymer containing acrylic residue units of the structure



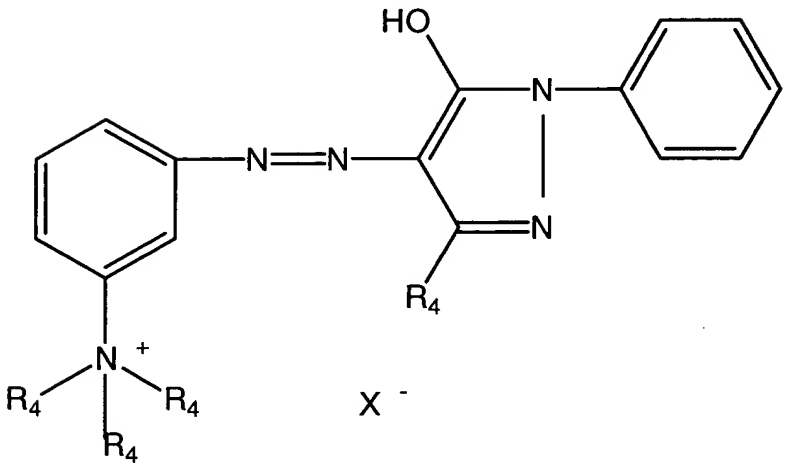
in which R_1 denotes H, CH_3 or C_2H_5, and C_{10}-C_{30} alkyl acrylate residue units, wherein said composition is a direct dyeing composition for the hair, wherein said at

least one direct dye is a cationic azo dye of formulae (II), (III), (IV), (V), (VI), (VI'), (VII) and their mesomeric forms, wherein

(i) dyes of formulae (II) and (III) are:



(II)



(III)

in which

R_1 denotes H or an $-NH_2$ radical,

R_2 denotes H or a $-NO_2$ radical,

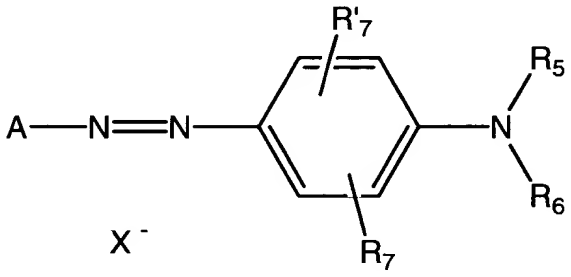
R_3 denotes H or a $-NO_2$ radical or an C_1-C_4 alkoxyl radical,

R_4 denotes a C_1-C_4 alkyl radical,

X^- denotes an anion chosen from chloride, methyl sulphate and acetate, wherein;

(ii) dyes of formulae (IV), (V), (VI), (VI'), (VII) include:

a) the compounds of formula (IV):



(IV)

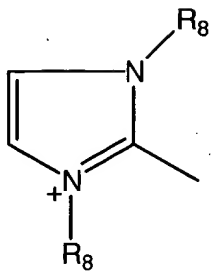
in which:

R_5 and R_6, which may be identical or different, denote a hydrogen atom, C_1-C_4 alkyl radicals which can have a substituent chosen from -CN, -OH and $-NH_2$ radicals, and a 4'-aminophenyl radical, or form, with a carbon atom of the benzene ring, a heterocycle, oxygenated and/or nitrogenated and optionally having at least one substituent chosen from C_1-C_4 alkyl radicals,

R_7 and R'_7 which may be identical or different, denote a hydrogen atom, a halogen atom chosen from chlorine, bromine, iodine and fluorine, a cyano radical, a C_1-C_4 alkyl radical, a C_1-C_4 alkoxy radical, or an acetyloxy radical,

X^- denotes an anion chosen from chloride, methyl sulphate and acetate;

A is a group chosen from structures A_1 to A_{19}:



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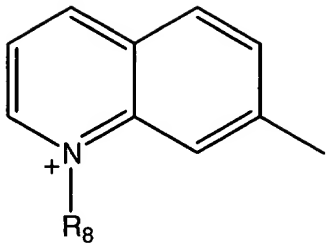

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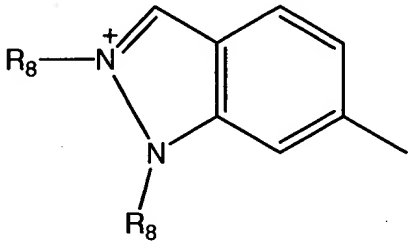

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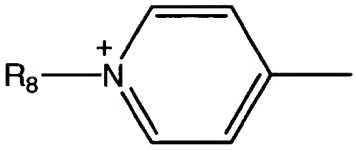
A_1 A_2 A_3



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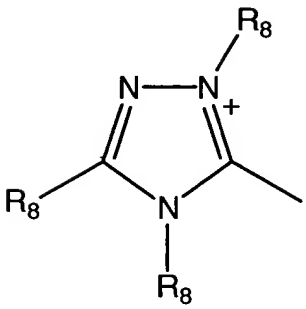

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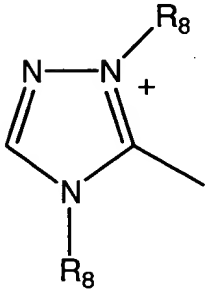

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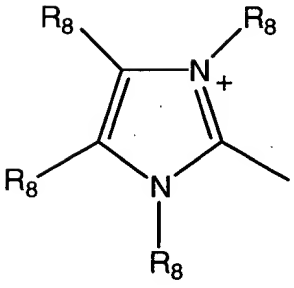
A_4 A_5 A_6



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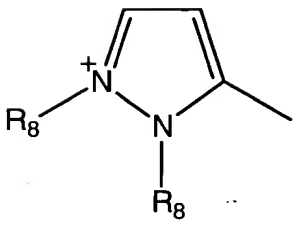

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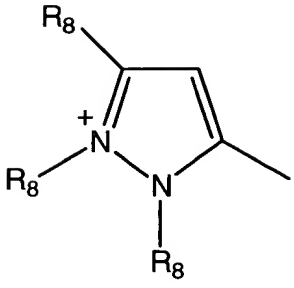

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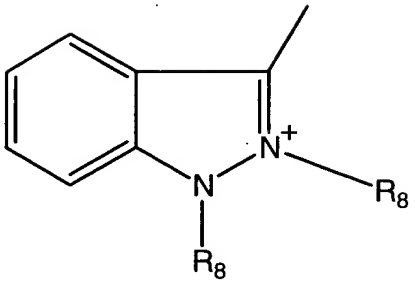
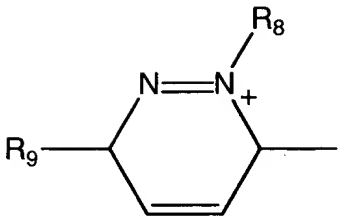
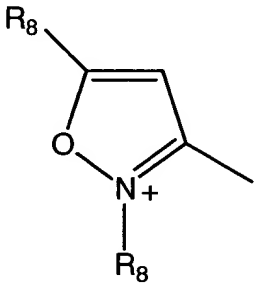
A_7 A_8 A_9



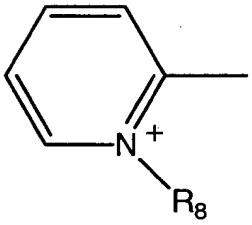
A_{10} ;



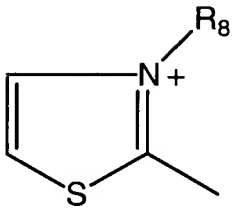
A_{11} ;



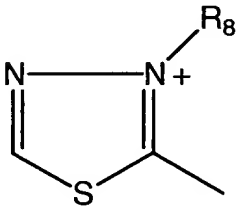
A_{12} ;



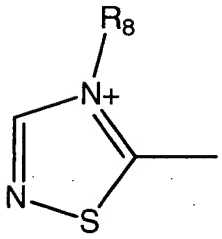
A_{13} ;



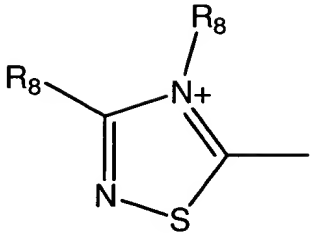
A_{14} ;



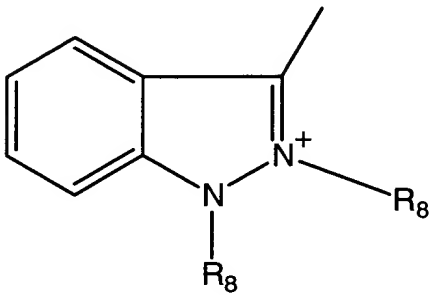
A_{15} ;



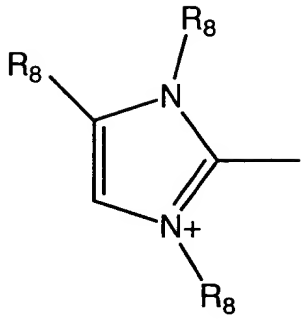
A_{13} ;



A_{14} ;



A_{15}

and  A_{19}

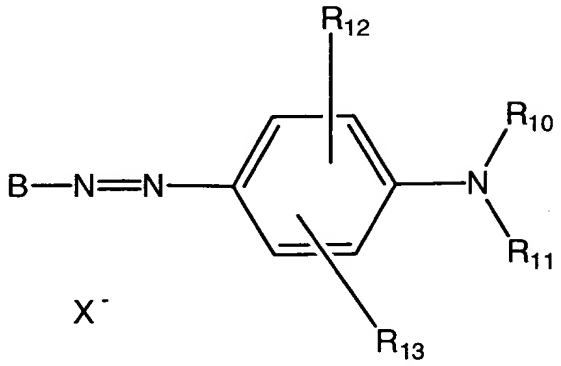
in which,

R8 denotes a C_1-C_4 alkyl radical which can be substitued with a hydroxyl radical

and

R9 denotes a C_1-C_4 alkoxy radical,

b) the compounds of formula (V):

 (V)

in which:

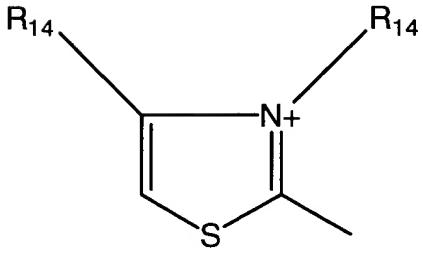
R_{10} denotes hydrogen or a C_1-C_4 alkyl radical,

R_{11} denotes hydrogen or a C_1-C_4 alkyl radical optionally having a substituent chosen from a -CN radical, an amino radical, and a 4'-aminophenyl radical, or forms with R_{10} a heterocycle, oxygenated and/or nitrogenated and optionally having at least one substituent chosen from a C_1-C_4 alkyl radical,

R_{12} and R_{13}, which may be identical or different, denote a hydrogen atom, a halogen atom chosen from bromine, chlorine, iodine or fluorine, a C_1-C_4 alkyl radical, a C_1-C_4 alkoxy radical, or a -CN radical,

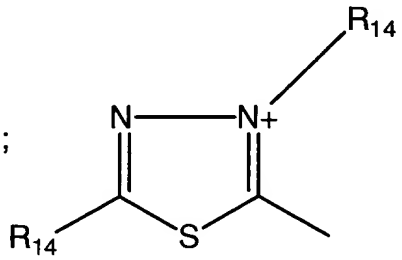
X^- denotes an anion chosen from chloride, methyl sulphate and acetate;

B is a group chosen from structures B1 to B6:



B1

;



B2

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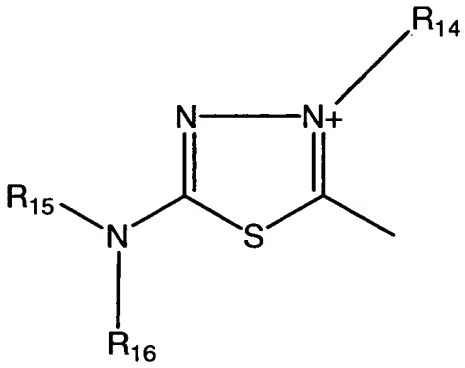

B3

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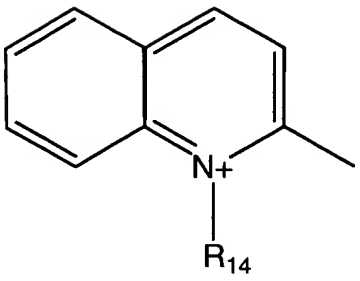

B4

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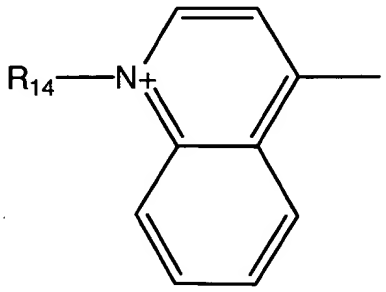
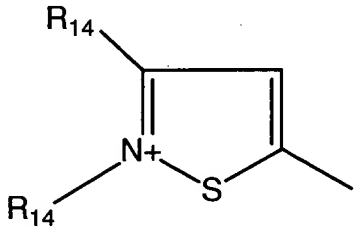


B5

et



B6

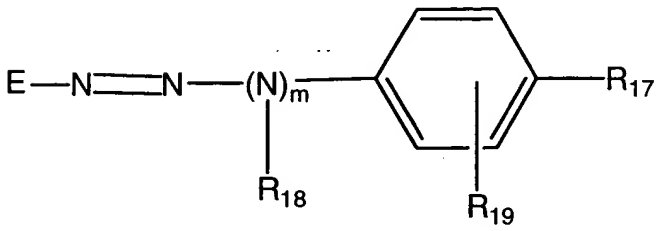
;

in which,

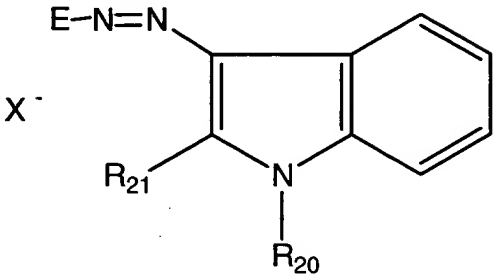
R_{14} denotes a C_1-C_4 alkyl radical, and

R_{15} and R_{16}, which may be identical or different, denote a hydrogen atom or a C_1-C_4 alkyl radical;

c) the compounds of formulae (VI) and (VI'):



(VI)



(VI')

in which:

R_{17} denotes a hydrogen atom, a C_1-C_4 alkoxy radical, a halogen atom chosen from bromine, chlorine, iodine and fluorine, an unsubstitued amino radical, or a substitued amino radical,

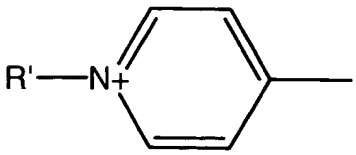
R_{18} denotes a hydrogen atom, a C_1-C_4 alkyl radical, or forms with a carbon atom of the benzene ring, a heterocycle which is optionally oxygenated and optionally having at least a substituent chosen from a C_1-C_4 alkyl radical,

R_{19} denotes a hydrogen atom or a halogen atom chosen from bromine, chlorine, iodine and fluorine,

R_{20} and R_{21}, which may be identical or different, denote a hydrogen atom or a C_1-C_4 alkyl radical,

m is zero or 1,

X^- denotes an anion chosen from chloride, methyl sulphate and acetate;E is a group chosen from structures E1 to E8:



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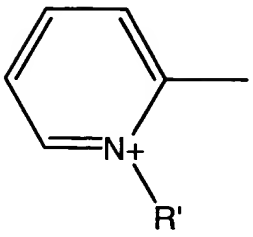

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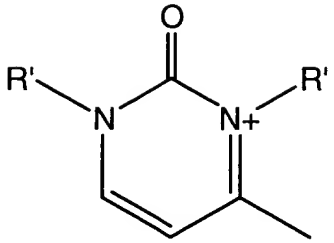
E1 E2



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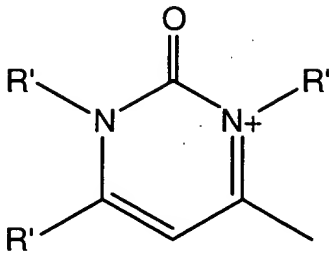

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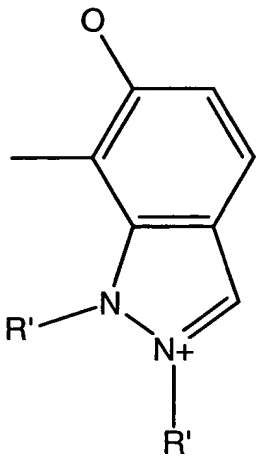
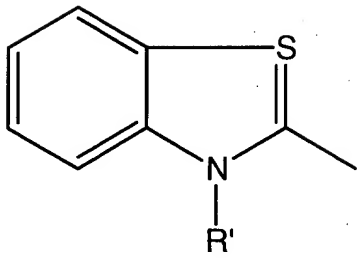


E3 E4 E5



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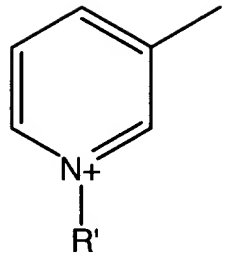
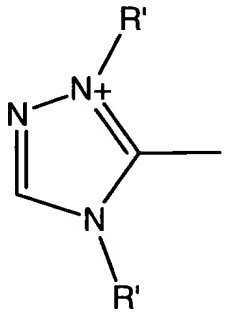


and

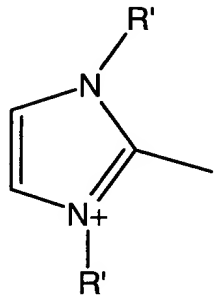


E6 E7 E8

in which

R' denotes a C_1-C_4 alkyl radical,

when m is 0, then E can also be a group of structure E9:

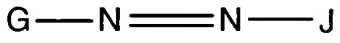


E9

in which,

R' denotes a C_1-C_4 alkyl radical,

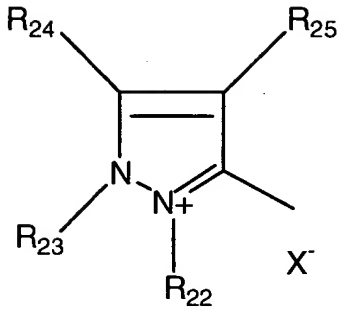
d) the compounds of formula (VII):



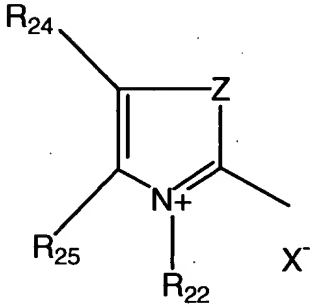
(VII)

in which,

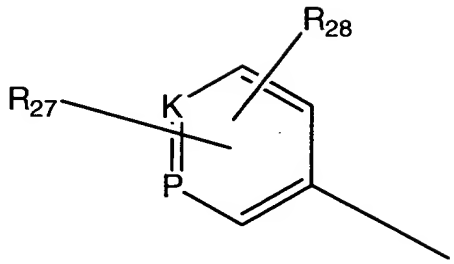
the symbol G represents a group chosen from structures G1 to G3:



G_1



G_2



G_3

in which,

R_{22} denotes a C_1-C_4 alkyl radical or a phenyl radical optionally having a substituent chosen from a C_1-C_4 alkyl radical and a halogen atom chosen from chlorine, bromine, iodine and fluorine,

R_{23} denotes a C_1-C_4 alkyl radical or a phenyl radical,

R_{24} and R_{25}, which may be identical or different, denote a C_1-C_4 alkyl radical or a phenyl radical or, in the case of structure G_1, can together form a benzene ring having at least one substituent chosen from a C_1-C_4 alkyl radical, a C_1-C_4 alkoxy radical and an $-NO_2$ radical, and in the case of structure G_2, can together form a benzene ring optionally having at least one substituent chosen from a C_1-C_4 alkyl radical, a C_1-C_4 alkoxy radical and an $-NO_2$ radical, wherein R_{24} can also denote a hydrogen atom,

Z denotes chosen from an oxygen atom, a sulphur atom or an $-NR_{23}$ radical;

M denotes a -CH radical, a -CR radical wherein R is chosen from a C_1-C_4 alkyl radical, or an $-NR_{26}(X^-)_r$ radical, wherein r is zero or 1,

K denotes a -CH radical, a -CR radical wherein R is chosen from a C_1-C_4 alkyl radical, or an $-NR_{26}(X^-)_r$ radical wherein r is zero or 1,

P denotes a -CH radical, a -CR radical wherein R is chosen from a C_1-C_4 alkyl radical, or an $-NR_{26}(X^-)_r$ radical wherein r is zero or 1,

R_{26} denotes an oxygen atom, a C_1-C_4 alkoxy radical or a C_1-C_4 alkyl radical,

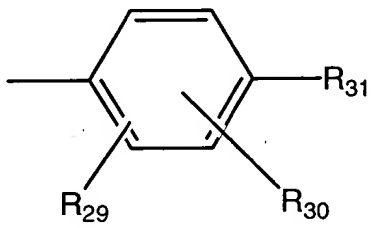
R_{27} and R_{28}, which may be identical or different, denote a hydrogen atom, a halogen atom chosen from chlorine, bromine, iodine and fluorine, a C_1-C_4 alkyl radical, a C_1-C_4 alkoxy radical or an $-NO_2$ radical,

X^- denotes an anion chosen from chloride, iodide, methyl sulphate, ethyl sulphate, acetate and perchlorate, and

wherein at least one of K, M or P denotes $-NR_{26}(X^-)_r$,

wherein the symbol J is chosen from:

(a) a group of structure J_1:



J_1

in which,

R_{29} denotes a hydrogen atom, a-halogen atom chosen from chlorine, bromine, iodine and fluorine, a C_1-C_4 alkyl radical, a C_1-C_4 alkoxy radical, a -OH radical, an $-NO_2$ radical, an $-NHR_{32}$ radical, an $-NR_{33}R_{34}$ radicals, an $-NHCO(C_1$-$C_4)$alkyl radical, or forms with R_{30} a 5- or 6-membered ring which may contain at least one hetero atom chosen from nitrogen, oxygen and sulphur,

R_{30} denotes a hydrogen atom, a halogen atom chosen from chlorine, bromine, iodine and fluorine, a C_1-C_4 alkyl radical, a C_1-C_4 alkoxy radical, or forms, with R_{31} or R_{32} a 5- or 6-membered ring which may contain at least one hetero atom chosen from nitrogen, oxygen and sulphur,

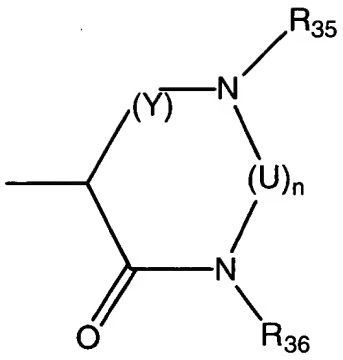
R_{31} denotes a hydrogen atom, an -OH radical, an $-NHR_{32}$ radical or an $-NHR_{33}R_{34}$ radical,

R_{32} denotes a hydrogen atom, a C_1-C_4 alkyl radical, a C_1-C_4 monohydroxyalkyl radical, a C_2-C_4 polyhydroxyalkyl radical or a phenyl radical,

R_{33} and R_{34}, which may be identical or different, denote a C_1-C_4 alkyl radical, a C_1-C_4 monohydroxyalkyl radical or a C_2-C_4 polyhydroxyalkyl radical, and

(b) a 5- or 6-membered nitrogenous heterocyclic group which can contain at least one other hetero atom and/or at least one carbonyl group and which can have at least one substituent chosen from a C_1-C_4 alkyl radical, an amino radical or a phenyl radical.

12. **(original)** A composition according to claim 11, wherein said 5- or 6-membered nitrogenous heterocyclic group is chosen from a group of structure J_2:

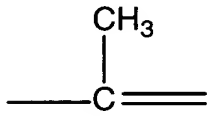


J_2

in which,

R_{35} and R_{36}, which may be identical or different, denote a hydrogen atom, a C_1-C_4 alkyl radical, or a phenyl radical,

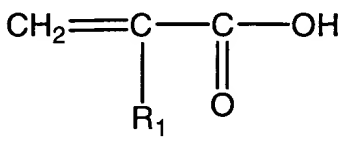
Y denotes a -CO- radical or a radical



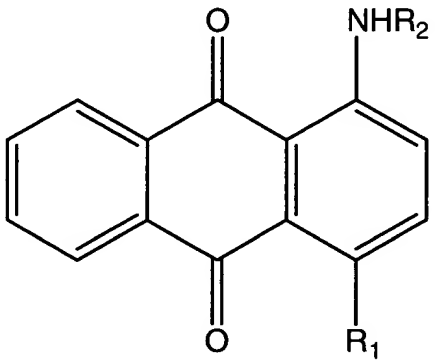
wherein n = 0 or 1, where, when n denotes 1, U denotes a -CO- radical.

13. **(cancelled)**

14. **(previously presented)** A composition comprising, in a cosmetically acceptable support suitable for dyeing the hair, at least one direct dye and at least one crosslinked polymer containing acrylic residue units of the structure



in which R_1 denotes H, CH_3 or C_2H_5, and C_{10}-C_{30} alkyl acrylate residue units, wherein said composition is a direct dyeing composition for the hair, wherein said at least one direct dye is a cationic anthraquinonic dye of formula (IX):



(IX)

in which:

R_1 denotes a hydrogen atom, a -OH radical, a $-NH_2$ radical, or a $-NH(C_1-C_4)$alkyl radical,

R_2 denotes a $-(CH_2)_nNR_3R_4(R_5)_m-$ radical, in which n denotes 1 or 10, m denotes zero or 1, and

R_3, R_4, R_5 which may be identical or different, denotes a hydrogen atom or a C_1-C_4 alkyl radical, and

wherein R_3 and R_4, with the nitrogenous atom, can form a 5- or 6-membered heterocycle group which can contain at least one other hetero atom chosen from nitrogen, oxygen or sulphur and optionally having at least one substituent chosen from C_1-C_4 alkyl radicals, amino radicals, and phenyl radicals.

Claims 15-27. **(Cancelled)**